

STATE OF CALIFORNIA

Energy Resources Conservation
And Development Commission

2013 Building Energy Efficiency Standards,
California Code of Regulations, Title 24,
Parts 1 and 6

Docket No. 12-BSTD-01
Resolution No. 14-0422-9

**RESOLUTION OF THE ENERGY COMMISSION
APPROVING REVISIONS TO THE 2013 PUBLIC DOMAIN
NONRESIDENTIAL COMPLIANCE SOFTWARE**

WHEREAS, the Warren-Alquist State Energy Resources Conservation and Development Act, Public Resources Code sections 25000 et seq., 25402.1, subd. (b), requires the Energy Commission to, among other things, establish a process for certifying calculation methods for demonstrating compliance with its building energy efficiency standards; and

WHEREAS, on September 11, 2013, the Energy Commission approved the 2013 Public Domain California Building Energy Code Compliance – Nonresidential (CBECC-Com) software, version 1.0, for estimating energy consumed by nonresidential buildings under Public Resources Code section 25402.1, subdivision (a), and for demonstrating compliance with the performance-based nonresidential provisions of the 2013 Building Energy Efficiency Standards, California Code of Regulations, Title 24, Parts 1 and 6; and

WHEREAS, the Energy Commission subsequently approved revisions to CBECC-Com, and revoked approval of previous versions, under California Code of Regulations, Title 24, Part 1, Chapter 10, sections 10-109 and 10-110; and

WHEREAS, CBECC-Com has been further revised as reflected in Version 2 to incorporate additional programming for all projects using a simplified geometric input method and for additions and alterations to existing building (also known as Existing+Additions+Alterations – E+A+A), and

WHEREAS, as described in the CBECC-Com 2 Summary of Nonresidential ACM Tests presented to the Energy Commission along with this Resolution, staff of the Energy Commission has reviewed and tested CBECC-Com, Version 2, to ensure it meets the requirements, specifications, and criteria for building energy models set forth in the Nonresidential Alternative Calculation Method Approval Manual, CEC-400-2012-006-CMF-REV (April 2014);

THEREFORE, the Energy Commission approves CBECC-Com, Version 2, for estimating energy consumed by nonresidential buildings under Public Resources Code section 25402.1, subdivision (a), and for demonstrating compliance with the performance-based nonresidential

provisions of the 2013 Building Energy Efficiency Standards, California Code of Regulations, Title 24, Parts 1 and 6; and

THEREFORE, the Energy Commission rescinds its approval of previous versions of CBECC-Com for estimating energy consumed by nonresidential buildings under Public Resources Code section 25402.1, subdivision (a), and demonstrating performance compliance with the performance-based nonresidential provisions of the 2013 Standards for permit applications made on or after July 1, 2014; and

THEREFORE, the Energy Commission directs the Executive Director to take, on behalf of the Energy Commission, all actions reasonably necessary to implement this resolution, including but not limited to:

- (a) posting information on obtaining CBECC-Com, Version 2, on the Energy Commission's publicly-accessible internet web site;
- (b) ensuring CBECC-Com is maintained and revised as necessary to accurately estimate the energy use of nonresidential buildings and demonstrate compliance with the 2013 Building Energy Efficiency Standards for nonresidential buildings, including by
 - (i) correcting functional and analytical errors, and
 - (ii) incorporating software modules that address additional compliance options approved by the Energy Commission, and additional building systems, assemblies, and construction materials.

Date: April 22, 2014

CERTIFICATION

The undersigned Secretariat to the Commission does hereby certify that the foregoing is a full, true, and correct copy of a Resolution duly and regularly approved at a meeting of the California Energy Commission held on April 22, 2014.

AYE: Weisenmiller, Douglas, Hochschild, Scott
NAY: None
ABSENT: McAllister
ABSTAIN: None



Harriet Kallemeyn,
Secretariat